

Date: Wed, 16 Feb 94 06:11:55 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #160  
To: Info-Hams

Info-Hams Digest                      Wed, 16 Feb 94                      Volume 94 : Issue 160

Today's Topics:

        6 Meter Big Wheel Ant?  
        Amateur Radio Newsline #860 4 Feb 94  
        Amateur Radio Newsline #861 11 Feb 94  
        W6GO QSL MGR LIST-ACCESS?  
        WANTED: Manuals for Heathkit

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
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Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 14 Feb 1994 16:47:49 GMT  
From: swrinde!cs.utexas.edu!sdd.hp.com!col.hp.com!srigenprp!news.dtc.hp.com!  
hpscit.sc.hp.com!rkarlqu@network.ucsd.edu  
Subject: 6 Meter Big Wheel Ant?  
To: info-hams@ucsd.edu

In article <henrysCL7yMn.H1x@netcom.com>,  
Henry B. Smith <henrys@netcom.com> wrote:  
>Has anybody ever seen the plans for a 6 Meter Big Wheel Antenna?  
>  
>If so, please pass along the reference.  
>  
>Thanks,  
>  
>Smitty, NA5K

The Big Wheel was described in the ARRL VHF Manual a number  
of years ago. I have an old copy (circa 1965) that has this

It's basically 3 loops a full wavelength long built like a 3 leaf clover. Much better than a halo, according to the book. I think you drive the loops in parallel, but don't quote me, I'm working from memory here.

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All other information and disclaimers are in the text header below.

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The following is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO NET CBBS twice monthly. For current information updates, please call

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Thank You  
NEWSLINE

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Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY  
KU8R N8DTN W9JUV KC9RP K9XI KB5KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN  
and many others in the United States and around the globe!!!

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\* \* \* \* C L O S E D C I R C U I T A D V I S O R Y \* \* \* \*

\* \*  
 \* The following is a closed circuit advisory and is not \*  
 \* for transmission over amateur radio. Repeat, not for \*  
 \* broadcast. This is just a reminder that the address for \*  
 \* the Newsline Support Fund is Newsline, in care of Dr. Norm \*  
 \* Chalfin, K6PGX, Post Office Box 463, Pasadena, CA 91102. \*  
 \* Again, and as always, we thank you. That ends the closed \*  
 \* circuit with Newsline report number 860 for release on \*  
 \* Friday February, 4 1994 to follow. \*  
 \* \*  
 \*

The following is a QST

The ARRL petitions for an lifetime ham radio ticket and a court says that a ham does have a right to a tower and antenna.

\*\*\*\*\*

#### LIFETIME HAM LICENSE PET

The ARRL has petitioned the FCC to make Amateur Radio operator licenses valid for life. The League says in its petition that there is nothing in the Communications Act of 1934 that would prevent such a license term for radio amateurs. It wants a lifetime operator's license to allow inactive amateurs to return to the Service at the same class of license without the necessity for retesting.

This proposal will apply only to operator licenses, Amateur radio station licenses would still, by law, be limited to a 10-year term. A person with a lifetime operator license but no station license would not be permitted to operate a station of his own but would be able to operate from the station of another amateur. The League says that nothing in this proposal should have any effect on the FCC's call sign issuance program either as it currently exists or as proposed in the vanity call sign program.

The ARRL says that it is not proposing at this time to make this rule change retroactive. Rather it suggests the easiest way to implement it is simply to extend currently held operator licenses from 10 years to life. No rule making number has yet been assigned to this ARRL regulatory change request.

\*\*\*\*\*

#### TOWER VICTORY

A federal appeals court has found in favor of a Minnesota ham

in the latest round of her three-year battle to install a tower and antenna.

Back in January of 1991 Sylvia Pentel, N0MRW, applied to the city of Mendota Heights for a zoning variance for a 68-foot crank-up tower. At the time, she was using a roof-mounted vertical which she was unaware, violated the city's zoning rules. The city denied her application for a tower but did grant Pentel a special-use permit to allow her to keep the vertical.

But that did not satisfy N0MRW. Pentel sued the city in U S district court. Her attorney John B. Bellows Jr, K0QBE argued that the ordinance restricting her tower and antenna was preempted by federal law. A law known as PRB-1 which recognizes the needs of both municipalities and amateurs radio operators. A law which requires a reasonable accommodation of the needs of radio amateurs.

When the district court found in favor of the city Pentel appealed. It was the United States Court of Appeals for the 8th Circuit that has now ruled that in establishing PRB-1 the FCC was attempting to strike a balance between the interests of municipalities and ham radio operators. The court noted that granting a special-use permit for Pentel's vertical was not an acceptable accommodation to the radio amateur under the terms of PRB-1 and ordered the city to try again.

The court did put some limit on its decision. It said that its finding does not mean that the city must necessarily grant Pentel's application for a tower as it stands. Rather, it stated the Mendota Heights Minnesota must make a reasonable accommodation to insure her interests as a radio amateur are protected.

\*\*\*\*\*

#### VAN SICKLE

A United States District Court in Texas has written the end to the story of Terry Van Sickle, WB5WXI by sentencing him to 90 days of home confinement, three years probation, fining him one thousand dollars and ordering that he undergo a group counseling program as directed by the probation office.

Van Sickle is the WFAA television news cameraman who had been accused by the Federal Bureau of Investigation of harassing customers at a Mc Donalds restraint drive-thru window last summer. He initially protested his innocence to the media. One newspaper even ran a two column feature about Van Sickle, quoting him as saying that the frequencies used by Mc Donalds are posted on computer bulletin boards and anyone could have been responsible.

But on October 18th Terry Van Sickle changed his story. He pleaded guilty to one count of violating Title 47, section 333 of

the United States Code by willfully and maliciously interfering with radio communications. Sentencing was set for early January. At that time he faced a maximum term of a year in prison and \$100,000 fine.

The lighter sentence of 90 days home confinement and probation falls under federal sentencing guidelines. It is mitigated by the fact that Van Sickle has also lost some fifteen thousand dollars worth of scanners, two-way radios and other gear that was confiscated at the time he was detained.

Van Sickle's troubles may not be over yet. There is every likelihood of FCC administrative action to strip him of any federally issued radio licenses. There is also the possibility of civil action against him by Mc Donalds Corporation to recoup any losses incurred as the result of his jamming of their radio system.

\*\*\*\*\*

#### QUAKE

Amateur Radio Emergency Service and Radio Amateur Civil Emergency Service operators are still involved emergency communication in the aftermath of last weeks 6.6 magnitude earthquake in Los Angeles' San Fernando Valley. Even though most normal lines of communications were restored within 48 to 72 hours, ham operators are still assisting police, fire, Red Cross and local emergency management officials with disaster assessment using local VHF and UHF communications.

As a result, all hams in the affected areas not involved in the emergency communications effort have been asked to give priority to meeting these emergency communications demands. These hams should not transmit on emergency net frequencies, except when directed to do so by net control stations. Also, priority is being given to outgoing messages since most amateurs in some affected areas are still unable to deliver incoming messages until phone service is restored and roads are repaired. Health and welfare traffic was not accepted from the public until authorities in the affected areas indicate they are able to process such inquiries. Some emergency net operations are expected to continue for at least another two weeks.

\*\*\*\*\*

#### ARRL SAY NO TO NJ RADIO TAX

Officials of the American Radio Relay League have told the New Jersey Department of Environmental Protection and Energy that a state proposal to register and impose fees on radio transmitters and other RF sources was contrary to federal law. At least as the law is related to radio amateurs.

As reported several weeks ago, the New Jersey proposal exempted Amateur Radio stations at this time but leaves a door open for future regulation of hams and imposition of fees.

But ARRL General Counsel Chris Imlay, N3AKD says that only the FCC has the power to license and regulate radio transmitters. Imlay says that applying the proposed regulations to amateurs would effectively preclude Amateur Radio communications in New Jersey.

By the way, the New Jersey Department of Environmental Protection and Energy has extended the deadline for comments on the proposal until February 22nd. Hams in New Jersey and the surrounding states are being encouraged to write the New Jersey legislature in opposition to the radio tax proposal.

\*\*\*\*\*

#### SAREX STS-60

This word just in. There will be three ham radio-licensed crew members aboard Space Shuttle Discovery, STS-60, scheduled for launch February 3rd. Commander Charles Bolden, KE4IQB, and Mission Specialist Ronald Sega, KC5ETH, have now received their Technician Class licenses. The third licensed crew member is Russian Cosmonaut Sergei Krikalev, U5MIR who is a Mission Specialist on the STS-60 SAREX flight.

\*\*\*\*\*

#### DX

In DX, word that The Lambda Amateur Radio Club will sponsor it's third DXpedition from March 5th to the 10th. Larc members are planning to operate on HF and OSCAR-13 Mode B and Mode S from the Caribbean island of Anguilla in British West Indies. The operators making the trip will be Jim Kelly KK3K, Don Bledsoe WB6LYI, Mark Wilcox KC3XC, Tom Hendrix KI4ZN, Howard Wyman W9BVD, Norm Gray KF7IK, James Keeth AF9A, and Wayne Schuler AI9Q. QSL for all operators is direct to their respective current Callbook addresses. By the way, this may be the first OSCAR-13 Mode S DXpedition for the record books.

\*\*\*\*\*

#### QRP-DX

Also, two QRP Nets located in the Pacific Northwest are now available to help you to meet other low power enthusiasts throughout the country. The North West QRP Club meets every Monday evening at 03:00 UTC on 10.123 MHz. The Northwest QRP Club Saturday morning Net can be found at 07:30 UTC on 3.561 MHz. If you are interested in receiving a free copy of their





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Date: Mon, 14 Feb 1994 06:56:35 MST  
From: agate!howland.reston.ans.net!wupost!gumby!destroyer!nntp.cs.ubc.ca!alberta!  
ve6mgs!usenet@ames.arpa  
Subject: Amateur Radio Newsline #861 11 Feb 94  
To: info-hams@ucsd.edu

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Editorial comment or news items should be E-mailed to 3241437@mcimail.com or B.PASTERNAK@genie.geis.com. Voice or FAX to +1 805-296-7180.

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NEWSLINE RADIO - CBBS EDITION #111 - POSTED 02/13/94

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KU8R N8DTN W9JUV KC9RP K9XI KB5KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN  
and many others in the United States and around the globe!!!

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[861]

\* \* \* \* C L O S E D C I R C U I T A D V I S O R Y \* \* \* \*

\* The following is a closed circuit advisory and is not for \*  
\* air over amateur radio. Repeat, not for broadcast. This is \*  
\* just a reminder that the address for the Newsline Support \*  
\* Fund is Newsline, in care of Dr. Norm Chalfin, K6PGX, Post \*  
\* Office Box 463, Pasadena, CA 91102. Again, and as always, \*  
\* we thank you. That ends the closed circuit with Newsline \*  
\* report number 861 for release on Friday, 02/11/94. \*  
\*

\* \* \* \* \*

The following is a QST

When the information super highway arrives, ham radio will be riding on it at the front of the pack. So says a high ranking FCC official on Newsline report number 861 coming your way.

\*\*\*\*\*

#### INFORMATION SUPER HIGHWAY

Ham radio definitely will play an important part in President Clinton's information super highway. So says FCC Private Radio Bureau Chief Ralph Haller, N4RH. Speaking on Saturday, February 5th at the 1994 Tropical Hamboree in Miami, Haller told the group that it's the inventive nature of radio amateurs that makes them so important to the emerging information flow.

"The amateur service, I think is going to play a major role in the information super highway and the advancements that come online in the future. You're the people that have the practical knowledge of communications. You're the people that have come up with the innovative networks. Your packet data systems that are now very common in the commercial world.

I guess what I am saying to you is, while I am not particularly concerned about any more of your frequencies being in jeopardy at this time, because there is no plans for that. I am concerned that you continue to move forward and keep pace with the commercial side, so that the technologies you have on the air will in fact provide you all of the kinds of feature rich functions that are going to be available to the general public. In fact you ought to have even more features because you are more qualified, you know what else is available besides just a device that can only be operated by someone that is not sophisticated in communications. It is an exciting time. I hope you share that view with me. Because it really, I think, is going to make a difference in the way we live in the future." FCC Private Radio Bureau Chief, Ralph Haller, N4RH.

Haller also took note of the success of the expansion of public service activities as a result of the FCC action to change its rules governing business communications. N4RH singled out the recent New York City Marathon as a primary example of the ham radio success brought about by this regulatory change.

"I recently had the opportunity to visit the New York Marathon. And to watch how amateur radio communications actually

made that event occur. Without it, it would not occur. It is hard perhaps, to think about, to believe that the city of New York Police Department is unable to communicate over the entire 26 miles of that marathon. The only communications that worked over the entire 26 miles of that race was the amateur communications. The amateurs provided medical support, provide physician information, provided a whole host of communications capabilities. In fact it goes so far as to this. It was an amateur radio transmission that in fact signaled start the race. It wasn't on police radio, it wasn't on anything else, it was amateur that was the only communications capability that provided an instant notification to everyone in all parts of that race. Pretty amazing what you people have done." Ralph Haller, N4RH.

N4RH says that this one rules change has forever expanded the public service abilities of the ham radio community.

\*\*\*\*\*

#### ARRL SAYS NO TO RF STANDARDS

The ARRL has told the FCC that a proposal to adopt new standards for exposure to radio frequency radiation should be terminated.

The League says that the proposal, which would change the Commission's guidelines to match those adopted by the American National Standards Institute and the Institute of Electrical and Electronic Engineers in 1992, was premature. It also asserts that the commission has an obligation to introduce this matter as an FCC notice of inquiry to allow a wider range of commentary.

The ARRL claims that the proposed standards were not properly delineated and not a proper basis for evaluating communications facilities. It also said that an FCC Report and Order in 1987 that concluded that amateur stations should be exempted from such RF exposure guidelines, because amateur stations operate only intermittently, and at low power levels, still applies. Only rarely, the League said, would amateur stations even exceed the proposed, more stringent 1992 standard.

The League wants the current FCC proceeding terminated in favor of more study by a more appropriate government agency, such as the Environmental Protection Agency. If not, then it says the obligation of the FCC is to issue a notice of inquiry.

The current proposal, in ET Docket 93-62, was made in the spring of 1993 and its comment deadline has been extended several times, most recently to January 25, 1994, based on a request by CBS Inc. The reply comment deadline is February 24th.

\*\*\*\*\*

#### SAREX

The STS 60 Shuttle Amateur Radio Experiment has successfully completed another first. At 10:42 UTC on February 6, Cosmonaut Sergei Krikalev, U5MIR, on board the space ship Discovery made contact with the House of Science and Technology for Youth in Moscow. This is the first time a cosmonaut on a U.S. space shuttle has communicated with a school group in Russia. Leonid Lebutin, UA3CR and Valery Agabekov, UA6HZ were the prime school coordinators for the contact. Six students were able to ask their questions to the crew on the Space Shuttle DIscovery. In addition, several cosmonauts were on hand to hear the communications and witness the event.

\*\*\*\*\*

#### SAREX PACKET QSL INFO

While voice contacts with the hams on Discovery have been scarce due to problems with the Wake Shield satellite experiment, the packet robot ham station has been quite busy. As we go to air just prior to landing, there have been several thousand automatic SAREX contacts made with hams from around the world reporting a booming packet radio signal from the shuttle.

For those of you who have heard or worked the STS-60 crew and wish to receive a QSL card you need to send your signal report and an SASE or an envelope with International Reply Coupons to the QSL manager. This time its the ARRL. The address is STS 60 QSL, in care of the Educational Activities Division, The American Radio Relay League, 225 Main Street, Newington, Connecticut 06111.

\*\*\*\*\*

#### Anik E2 Lost in Space?

Still with satellite related news, word that Thursday January 20th was not a good day for Telesat Canada.

Within a 12 hour period they lost both of their \$300 million geostationary satellites Anik E1 and E2. E1 was eventually recovered by switching to a backup momentum wheel but the E2 bird may be permanently disabled.

Both satellites are of the GE Series 5000 family of birds. Experts believe that electromagnetic disturbances in space may have caused the damage. Canadian radio and television broadcasting, telephone services, data carriers and even a national ham radio satellite repeater intertie have all been seriously affected. Some believe the transponder shortage will cause a rush toward the introduction of video compression on the surviving Canadian satellite. This would greatly enhance its throughput while at the same time making it unviewable by home

satellite viewers.

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2 MET

Amateur Radio may have saved a life when Diana Carlson, KC1SP, used a local repeater to report a possible suicide attempt to police. Carlson, of Hudson, New Hampshire, was on her way to work in Concord, Massachusetts, the morning of January 10, when she and another motorist observed a man climbing the railing of the Merrimack Bridge. The man's auto was parked directly in front of Carlson.

While the other motorist talked to the man, Carlson first tried a call on 146.52, which she knew was sometimes monitored by the Westford, Massachusetts police. When no response came she switched to the 147.12 repeater in Billerica. There, Larry Garneau, N1QEZ, who was mobile, responded and passed the message to his wife, Virginia N1QFA, who telephoned police. An officer of the Tyngsboro Police arrived in time to pull the 27-year-old man from the railing of the bridge.

By the way, Diana Carlson comes from an all ham family. Her husband David is N1JYX, her son is KA1VWX, and her daughter is KA1VUA.

\*\*\*\*\*

#### STOLEN REPEATER

From England comes word that the GB3GF repeater operated by the Guildford UHF Repeater Group in England has been stolen. The radio gear was sited at Guildford near Surrey and was last heard on the air on December the 29th. Sometime between midnight and 8 am on the 30th, the entire installation was skillfully dismantled and removed from the site. The thieves even took the time to climb a fifty foot high tower to take the antennas as well.

The system was made up of a modified Pye Communications model F9U wall mounted base station, a Pye AE 450 F cavity filter and home made copper cavity circulator. It was crystallized to operate on the European RB 12 UHF repeater frequency pair of 433.300 MHz in and transmitted on 434.900 MHz. It also had an automatic Morse Code identifier of GB3GF every fifteen minutes.

While its doubtful that this machine will show up on North American shores, be aware that any leads in locating the repeater and those who took it are welcome. Any information should go directly to the Guildford Police Department. The telephone number from the United States is a long one. You dial 0114448 followed by the local number 331111. When you get an answer, ask for extension 3128.

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#### UK REPEATER DELINQUENCY

From the United Kingdom comes word that the Radio Society of Great Britain has issued an urgent advisory to twenty-four of that nations repeater trustees telling them to respond to a letter or loose the right to keep their systems on the air. This is because the British Radio Communications Agency abandoned the single repeater license to the RSGB and is now individually licensing each of the nations repeaters.

Actually, the RSGB repeater keepers license expired at the end of last November. Now the government has told the national society that it must have a letter requesting a Notice of Variation from each repeater license holder to keep the machines on the air. The society says that it has received all but two dozen of these requests, and it is urging the users of the repeaters that have not filed to urge the license holder to do so immediately. The RSGB says that its under increasing pressure from the Radio Communications Agency to let it know which repeaters have not filed for the required Notices of Variation. As far as the British Government is concerned, these systems are operating illegally without a proper license.

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#### PSA

The ARRL has some new Public Service Television commercials available to its Public Information Officers and Public Information Coordinators. The tapes feature astronaut Linda Godwin, N5RAX, and Nobel Prize-winning physicist Dr Joel Taylor, K1JT. The full-color PSA's include testimonials from Godwin and Taylor in varying lengths for both commercial and public-access television use. Be sure to specify videotape format required by television station or cable television system when placing your order. If you are not certain, we strongly suggest that you call the TV station or cablecaster and ask what type of videotape they require.

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#### PSA TAPE FORMATS

By the way, it may be time for a quick lesson on how to get a public service spot on the air. Let's start off by saying that its getting a lot harder to these spots aired these days. Only a few years ago, TV stations were happy to have them to fill the gaps in late night time slots where no commercials had been sold. The advent of the long format commercial called the infomercial changed all of that. Infomercials are known as time buys and

they supplant individual commercials in a given period. As a result, free time for PSA's is getting scarce.

Complicating things further is the kind of videotape you must submit to a TV station. A decade ago, that too was easy. Big stations required 2" quad tape while the little ones would accept the then popular 3/4 inch U-Matic. But its not that way anymore.

Now a days commercials and PSA's are run by automated machinery that use cassette format tapes. As a rule of thumb, television stations that make their own cassettes require any commercial to be delivered to them on what is known as 1 inch type C open reel tape. But with manpower cutbacks and the introduction of even more automation, that trend is changing too. More and more stations now require you to submit 1/2 inch Betacam SP cassettes that can be placed directly into their automated tape players known as cart machines. This saves the station the cost of having to transfer the original you supply to a cassette that will fit their commercial playback machine. A small number still accept 3/4" tape but that number is shrinking daily as U-Matic and quad is replaced by Betacam SP as the defacto standard.

Complicating matters further is that some stations; mainly those affiliated with the National Broadcasting Company may require your submitting the PSA's on the Panasonic M2 video format while some Tribune and independent stations utilize the new D2 digital 19mm videocassettes for their Ampex built ACR 225 cart machines.

The majority of cablecasters are a lot more lenient than commercial broadcasters but even here its not like it used to be. While some will accept the older 3/4" U-Matic cassettes the vast majority now are switching over to the Super VHS. That's Super VHS and not the home type VHS we have in our houses. Except for undercover news stories, VHS is not acceptable for over the air broadcast and is rarely used any longer in cable transmission. VHS cassettes are used only for viewing purposes in offices to see if the material in the PSA or commercial is acceptable for air.

\*\*\*\*\*

DX

In DX, word that Walis Island as ZS9DX was to be active by operators ZS6BRZ and ZS6WPX, but there have been no QSN reports. To date, the only activity seen from Walis has been by ZS9A on 21.335 MHz at 14:00 UTC. ZS9A also frequents 10 meters at various times.

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FORM 610



This important note to any ham who contributes time as a Volunteer Examiner. Beginning March 1st the FCC will accept only the new version of its Form 610. Information about the new 610 is explained on page 103 of the February QST

Those hams who serve under the ARRL VEC have been assured of having the needed materials before the implementation date. The latest issue of their VE Express newsletter includes a full size version of the new Form 610 and the ARRL VEC has also mailed bulk quantities of the new form to all of its 650 plus field stocked VE teams. The ARRL VEC recommends that its VE teams begin using the new form on February 12 to allow for sufficient turnaround time.

The W5YI national VEC is also getting supplies of the new form out to its VE teams very quickly and should have them in place by the time this newscast goes to air.

Its not known what action other VEC's have taken to provide their VE's with the new Form 610 prior to its implementation date. If you are not an ARRL or W5YI VE, and have not been restocked with new form 610's by your VEC, consider requesting the new version to be sent to you from that VEC right away. If these VEC's will contact us with their plans, we will be happy to pass along the information in future Newsline reports.

\*\*\*\*\*

#### BOSWELL OBIT

It's no exaggeration to say that one Alabama ham radio operator has touched thousands of lives. But you probably won't recognize his name. Nonetheless, friends of Ken Boswell, KB4BW0, were saddened at the news of his death in early January. This man has been considered an inspiration in their lives.

If there is one point everyone that met Ken Boswell agrees about, it's the smile. He always had one.

"He tried desperately to look and find the good in situations." Ron Arap, N4PHP.

Ron remembers the man who worked hard to help students at Bessemer State Technical College. That's where Boswell taught electronics courses.

"If the student was interested, and applies themselves, he would go out of his way to help them." Ron Arap, N4PHP.

Boswell setup an amateur station at the college to build interest in ham radio. He was active in the Birmingham Amateur Radio Club. At the school fellow instructor Clarence Johnson deals with the loss of a close friend.

"He cared about people. He was a people kind of person. As a matter of fact the memory that I will probably have that will linger with me about Ken is just how much he really showed he

really loved humanity. He got along well with his students. Ken was just the kind of person that get along with anybody. Ken met no strangers." Clarence Johnson, fellow instructor.

In his nearly thirty years in vocational education. Ken Boswell thousands of people a powerful tool, knowledge to make their lives better.

A special tribute may be in the works to honor Ken Boswell. Friends and co-workers want to set up a scholarship fund in his honor. Ken Boswell was 57 years old.

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For this week that is all from the Amateur Radio Newsline.  
You can write to us at Post Office Box 463, Pasadena, CA 91102.

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Date: 16 Feb 1994 11:56:33 GMT  
From: agate!usenet.ins.cwru.edu!lerc.nasa.gov!magnus.acs.ohio-state.edu!math.ohio-state.edu!caen!usenet.cis.ufl.edu!usenet.ufl.edu!mailer.acns.fsu.edu!  
freenet3.scri.fsu.edu!freenet2.scri.fsu.  
Subject: W6GO QSL MGR LIST-ACCESS?  
To: info-hams@ucsd.edu

What access is there for the W6GO QSL manager's list? [Keep it simple, please. I am new at this computer stuff.]

Michael Christie, K7RLS  
Crawfordville, Florida

Date: 15 Feb 1994 16:30:32 GMT  
From: orca.es.com!cnn.sim.es.com!usenet@uunet.uu.net  
Subject: WANTED: Manuals for Heathkit  
To: info-hams@ucsd.edu

Sorry if this has appeared before. Looking for original manuals or copies of the following:

HEATHKIT IG-5282 Audio Generator  
HEATHKIT IG-5280 RF Oscillator  
HEATHKIT ??????? matching power supply for above units

I will gladly reimburse you for copy/postage costs.

73's  
Fred Orrell  
WB5NOE  
Phone: 801-944-1332  
Work: 801-582-5847 ext. 3420  
EMAIL: forrell@sim.es.com

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Date: Sun, 13 Feb 1994 05:39:27 GMT  
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa  
To: info-hams@ucsd.edu

References <1994Feb11.001239.2842@ke4zv.atl.ga.us>, <CL1p2x.8s2@news.Hawaii.Edu>,  
<1994Feb12.161053.4486@ke4zv.atl.ga.us>  
Subject : Re: 40 meter QRP (cw or ssb)

In article <1994Feb12.161053.4486@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:  
>In article <CL1p2x.8s2@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu (Jeff Herman) writes:  
>>In article <1994Feb11.001239.2842@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:  
>>>I can wait and recognize "the", but when it turns out to be the  
>>>opening character group in "Thessalonian", I'm screwed. Dealing  
>>>character by character on paper insures I get either correctly.  
>>  
>>Geez Gary, what kind of QSOs do you have? In 18 years I've never had  
>>someone send that word to me; phooey - your QSOs sound MUCH more  
>>interesting than mine.  
>  
>I've been claiming that all along, Jeff. The high information rate  
>of voice transmission allows complex ideas to be expressed quickly  
>enough to be interesting.  
>

Now wait a minute! I meant CW QSOs - if folks are sending you words such as Thessalonian on CW THEN your QSOs are more interesting than

mine.

You never miss an opportunity to kick CW in the okole (Hawaiian word for what you sit on).

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Jeffrey Herman, NH6IL, jherman@hawaii.edu, who, in his spare time, cannibalizes old TV sets to make QRP transmitters (CW of course).

Previously: WA6QIJ, WH6AEQ, NMO (U.S. Coast Guard Radio Honolulu: 500kc CW)

It is said that CW is the second most popular mode on HF, but scanning the bands I frequently count more CW QS0s than SSB QS0s.

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End of Info-Hams Digest V94 #160

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